

Searching PAJ

Page 1 of 2

RECEIVED  
CENTRAL FAX CENTER

## PATENT ABSTRACTS OF JAPAN

OCT 18 2006

(11)Publication number : 11-093253

(43)Date of publication of application : 06.04.1999

(51)Int.Cl.

E03F 7/00

G01C 7/00

G06F 17/60

G09B 29/00

(21)Application number : 09-251599

(71)Applicant : TOKYO GAS CO LTD

(22)Date of filing : 17.09.1997

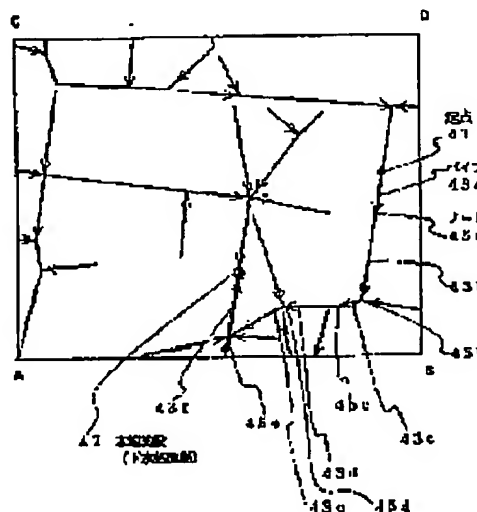
(72)Inventor : TOYOSHIMA MASATAKE  
MORIYAMA TAKASHI

## (54) NETWORK TRACKING DEVICE, NETWORK TRACKING METHOD AND RECORDING MEDIUM

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To automatically extract a downstream area and an upstream area of a sewage mapping system by holding a node data group, specifying a starting point, and extracting a downstream side node up to reaching a terminal facility by starting from a node.

**SOLUTION:** When the passage number reduces in the downstream direction, data of a node searching file of an object mesh is developed in a work file, and the content is displayed on a display. A starting point 41 is picked by imparting a click by a mouse or coordinate data, and the vicinity of a node 45 is designated as the starting point 41. Next, a first node 45a in the vicinity of the starting point 41 is extracted, and a downstream side node 45b is extracted. Next, the fact that the node 45b is a terminal facility 47 is confirmed, and the whole nodes 45 extracted up to the terminal facility 47 from the starting point 41 are emphatically displayed on the display by changing a color. Therefore, in a sewage mapping system, a downstream area and an upstream area when a certain place is used as the starting point 41, can be automatically extracted.



Scarching PAJ

## LEGAL STATUS

[Date of request for examination] 06.02.2002  
[Date of sending the examiner's decision of rejection] 09.08.2005  
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
[Date of final disposal for application]  
[Patent number]  
[Date of registration]  
[Number of appeal against examiner's decision of rejection]  
[Date of requesting appeal against examiner's decision of rejection]  
[Date of extinction of right]